INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY	Bulgaria	REPORT	25X1
SUBJECT	The Sofia-Burgas Railroad	DATE DISTR.	10 June 1955
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25X1

SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. The Sofia - Dolna Kamartsi - Pirdop - Kunare - Levskigrad - Kazanluk - Tulovo - Dubovo - Sliven - Zimnitsa - Polyanovgrad - Burgas railway line is a standard-gauge (143 cm.), single track, steam operated line 422 kilometers in length. Travel time between Sofia and Burgas is approximately 13 hours. There are ten bridges in the Sofia - Zimnitsa section. In the Dolno Kamartsi section the line includes five tunnels which are 800, 900, 1,200, 5,896, and 1,800 meters long respectively.

25X1

3. The Pirdop - Zimnitsa section includes the following bridges:

a. A bridge crossing a stream (possibly Topolnitsa), located six kilometers west of the railway station of Klisura, with the following characteristics:

(1) Type of bridge: reinforced concrete, 3-span, with the center span 80 meters in length, and the two others 60 meters in length;
(2) Abutments and piles: stone masonry;
(3) Length: 260 meters;
(4) Width: Nine meters;
(5) Height above river bed: 22 meters;
(6) Service paths: one on each side, 1.5 meters wide, paved in cement;
(7) Side walls: reinforced concrete, 80 cm. high;
(8) Capacity: unknown;
(9) Current: swift;
(10) High water mark: 5 to 6 meters;
(11) Low water mark: 50 cm.; and
(12) Slope of river banks: 60 to 70 degrees;

b. A bridge crossing the Suchuruma (possibly Sushitsa) River, located approximately 400 meters east of the Levskigrad railway station, with the following characteristics:

(1) Type of bridge: metal, girder-type, twin-span, each 25 meters long;

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25X1

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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

INFORMATION REPORT INFORMATION REPORT

(2) Abutments and piles: stone masonry;
(3) Length: 56-58 meters;
(4) Width: eight meters;
(5) Height above river bed: eight meters;
(6) Service paths: one on each side, 1.5 meters wide, paved in wood;
(7) Side walls: metal, with railings;
(8) Capacity: 2,500 kilograms per square meter;
(9) Supports: equalizing-bed type;
(10) Current: swift;
(11) High water mark: two meters;
(12) Low water mark: 40 cm.; and
(13) Slope of river banks: 60-65 degrees;

c. A bridge crossing the Levska Reka River, located six kilometers east of the Levskigrad railway station, 600 meters west of the station of Botev (N 42-36, E 24-55) with the following characteristics:

(1) Type of bridge: metal, girder-type, twin span, each 12 meters long;
(2) Abutments and piles: stone masonry;
(3) Length: 36 meters;
(4) Width: eight meters;
(5) Height above river bed: 10 meters;
(6) Service paths: 12 (sic) meters wide, one on each side, paved in wood;
(7) Side walls: metal with railings;
(8) Capacity: 2,500 kilograms per square meter;
(9) Support: equalizing-bed type;
(10) Current: swift;
(11) High water mark: two meters;
(12) Low water mark: 40 cm.; and
(13) Slope of river banks: 70 degrees;

d. A bridge crossing the Asenova Reka River, located approximately 600 meters east of the railway station of Gabarevo (N 42-38, E 25-10), with the following characteristics:

(1) Type of bridge: metal, girder-type, twin-span, each 15 meters long;
(2) Abutments and piles: stone masonry;
(3) Width: eight meters;
(4) Length: 36 meters;
(5) Height above river bed: seven meters;
(6) Service paths: 1.5 meters wide, one on each side, paved in wood;
(7) Side walls: metal with railings;
(8) Capacity: 2,500 kilograms per square meter;
(9) Support: equalizing-bed type;
(10) Current: fairly swift;
(11) High water mark: two meters;
(12) Low water mark: 50 cm.; and
(13) Slope of river banks: 40 degrees;

e. A bridge crossing the Maglishka River, located 700 meters west of the railway station of Tulovo (N 42-34, E 25-33), with the following characteristics:

(1) Type of bridge: metal, girder type, 3-span, each 12 meters long;
(2) Abutments and piles: stone masonry;
(3) Length: 40-42 meters;
(4) Width: eight meters;
(5) Height above river bed: nine meters;
(6) Service paths: 1.5 meters wide, one on each side, paved in wood;
(7) Side walls: metal, with railings;
(8) Capacity: 2,500 kilograms per square meter;
(9) Support: equalizing-bed type;
(10) Current: swift;
(11) High water mark: three meters;
(12) Low water mark: 20-30 cm.; and
(13) Slope of river banks: 40 degrees;

f. A bridge crossing the Nikolayevska River, located approximately 1.5 kilometers east of the railway station of Dubovo (N 42-36, E 25-39) with the following characteristics:

(1) Type of bridge: metal, girder-type, twin-span, each 115 meters long;
(2) Abutments and Piles: stone masonry;
(3) Length: 38 meters;
(4) Width: eight meters;
(5) height above river bed: 9-10 meters;
(6) Service paths: one on each side, 1.5 meters wide, paved in wood;
(7) Side walls: metal, with railings;
(8) Capacity: 2,500 kilograms per square meter;
(9) Support: equalizing-bed type;
(10) Current: slow;
(11) High water mark; two meters;
(12) Low water mark: 60 cm.; and
(13) Slope of river banks: 60 degrees;

g. A bridge crossing the Tvurditsa River, located 900 meters west of the railway station of Tvurditsa (N 42-42, E 25-54), with the following characteristics:

(1) Type of bridge: metal, girder type, 4-span, each 15 meters long;
(2) Abutments and piles: stone masonry;
(3) Length: 78 meters;
(4) Width: eight meters;
(5) Height above river bed: nine meters;
(6) Service paths; one on each side, 1.5 meters wide, paved in wood;
(7) Side walls: metal, with railings;
(8) Capacity: 2,500 kilograms per square meter;
(9) Support: equalizing-bed type;
(10) Current: swift;
(11) High water mark: two meters;
(12) Low water mark: 50 cm.; and
(13) Slope of river banks: 70-75 degrees;

h. A bridge crossing the Chumerna River, located approximately 1.2 kilometers east of the railway station of Binkos (N 42-39, E 26-06), with the following characteristics:

(1) Type of bridge: metal, girder-type, twin-span, each 15 meters long;
(2) Abutments and piles: stone masonry;
(3) Length: 38 meters;
(4) Width: eight meters;
(5) Height above river bed: 11 meters;
(6) Service paths: one on each side, 1.5 meters wide, paved in wood;
(7) Side walls: metal, with railings;
(8) Capacity: 2,500 kilograms per square meter;
(9) Support: equalizing-bed type;
(10) Current: swift;
(11) High water mark: two meters;
(13) Low water mark: 40 cm.; and
(14) Slope of river bank: 70 degrees;

i. A bridge crossing the Arsenevitsa River, located approximately 400 meters southeast of the railway station of Sliven, with the following characteristics:

(1) Type of bridge: iron, girder-type, twin-span, each 14 meters long;
(2) Abutments and piles: stone masonry;
(3) Length: 36 meters;
(4) Width: eight meters;
(5) Height above river bed: eight meters;
(6) Service paths: one on each side, 1.5 meters wide, paved in wood;
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(7) Side walls: metal, with railings;
(8) Capacity: 2,500 kilograms per square meter;
(9) Support: equalizing-bed type;
(10) Current: slow;
(11) High water mark: 1.5 meters;
(12) Low water mark: 60 cm.; and
(13) Slope of river banks: 60 degrees;

j. A bridge crossing a stream located approximately 1.3 kilometers east of the railway station of Mikhaylovo (N 42-15, E 25-32), with the following characteristics:

(1) Type of bridge: reinforced concrete, girder-type, twin-span, each 15 meters wide;
(2) Abutments and piles: stone masonry;
(3) Length: approximately 40 meters;
(4) Width: eight meters;
(5) Height above river bed: seven meters;
(6) Service paths: one on each side, 1.5 meters wide, paved in cement;
(7) Side walls: reinforced concrete;
(8) Capacity: 2,200 kilograms per square meter;
(9) Current: slow;
(10) High water mark: two meters;
(11) Low water mark: 80 cm.; and
(12) Slope of river banks: 60 degrees.

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